

# Design & Assembly Services



Swagelok Bangalore | Chennai | Delhi | Hyderabad



## Take Fluid System Assemblies Off Your To-Do List

Fluid system assemblies all have one thing in common, whether they are used for OEM, Process, Instrumentation, or Maintenance Applications: Someone has to design and assemble them.

You could spend your resources on designing, sourcing, building, and testing a solution. Or you could take advantage of Swagelok's expertise as an integrated supplier of more than just products. Our fluid system experts can create and fabricate fluid system assemblies that best meet your needs, from initial concept to assembly.

We call these assemblies – **Swagelok® Custom Solutions.**

### Swagelok® Custom Solutions

Custom Solutions can be small or large assemblies, consisting of a few components or a complete panel or enclosure. We can follow your design or work with our technical center to develop a new or revised one.

#### All Assemblies:

- Use only high-quality components
- Are built by Swagelok-certified assemblers
- Are backed by the Swagelok Limited Lifetime Warranty
- Are pressure and/or leak tested



## From Components To Assembly

Custom Solutions are built with Swagelok's own high quality fluid system components, but we can also incorporate wiring, automation, transmitters, relays, pumps and more.



## Why Choose Us

- We offer fast, effective and efficient service
- We reduce your time investment
- We coordinate & source from multiple vendors
- We can decrease your labour costs
- We reduce the rework & leakage
- We provide standardization & application expertise
- We can reduce the overall cost of the assembly

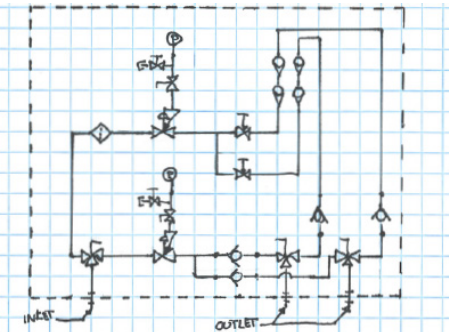


# How Do We Achieve This

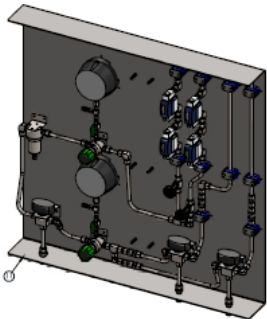
Our approach is collaborative, working closely with you to ensure we understand the problem and are developing the configuration that most completely meets your needs.

## We Can

- Build from scratch (create the P&ID)
- Convert from an existing P&ID
- Build from your drawing



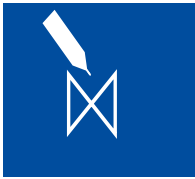
101	Flow Controller (FIC) 101-1	101-1
102	Flow Controller (FIC) 101-2	101-2
103	Flow Controller (FIC) 101-3	101-3
104	Flow Controller (FIC) 101-4	101-4
105	Flow Controller (FIC) 101-5	101-5
106	Flow Controller (FIC) 101-6	101-6
107	Flow Controller (FIC) 101-7	101-7
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109	Flow Controller (FIC) 101-9	101-9
110	Flow Controller (FIC) 101-10	101-10
111	Flow Controller (FIC) 101-11	101-11
112	Flow Controller (FIC) 101-12	101-12
113	Flow Controller (FIC) 101-13	101-13
114	Flow Controller (FIC) 101-14	101-14
115	Flow Controller (FIC) 101-15	101-15
116	Flow Controller (FIC) 101-16	101-16
117	Flow Controller (FIC) 101-17	101-17
118	Flow Controller (FIC) 101-18	101-18
119	Flow Controller (FIC) 101-19	101-19
120	Flow Controller (FIC) 101-20	101-20



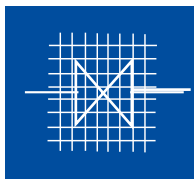
## Our Process



If you have an Idea



We will help you design it



We will create CAD drawing



And we will warranty it



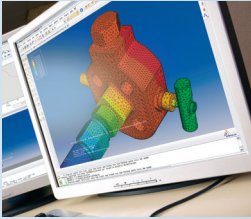
We will assemble the components



We will get your approval



## Our Capabilities



CAD



Tube Bending  
and Cutting



Relief Valve  
Presetting



Orbital Welding



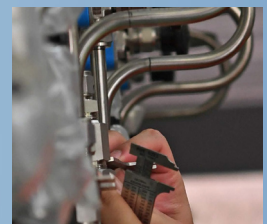
Basic Electrical



Swaging



Regulator Rebuild



Leak Testing

## Our Facilities



Custom Solutions Facilities  
in Bangalore & Gurgaon



India Technology Centre  
Pune



Solon Technology Centre  
USA

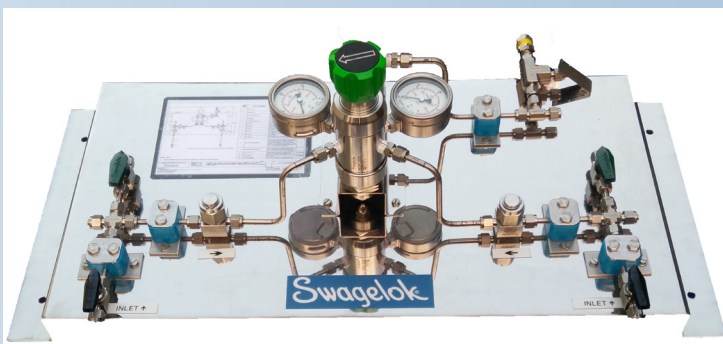
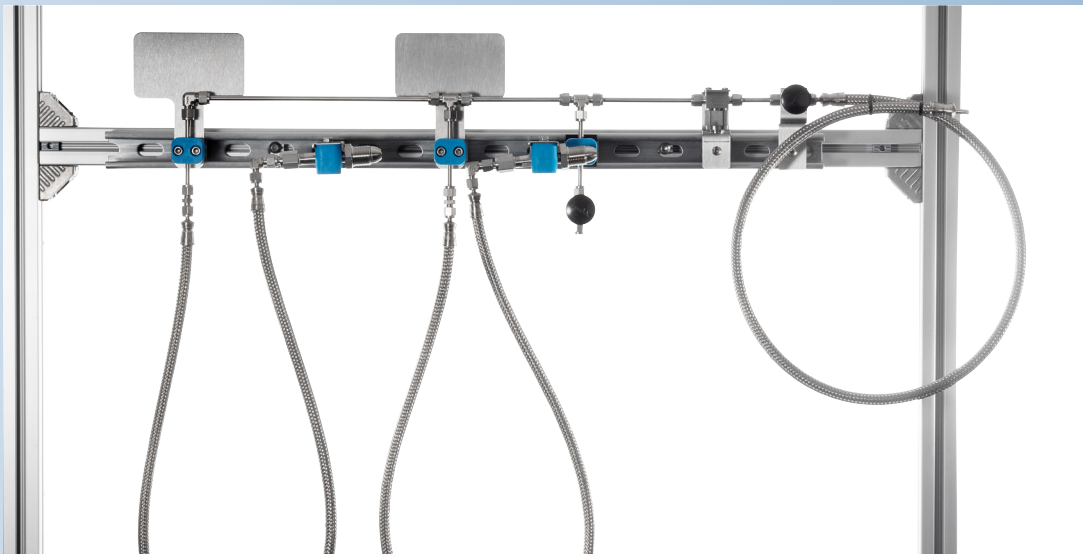


Bangalore & Gurgaon Facility

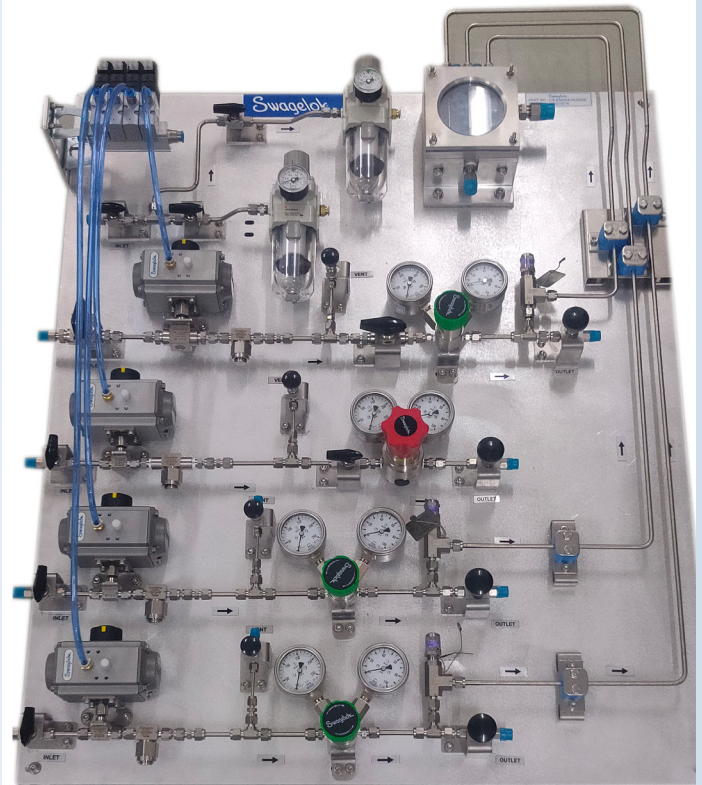
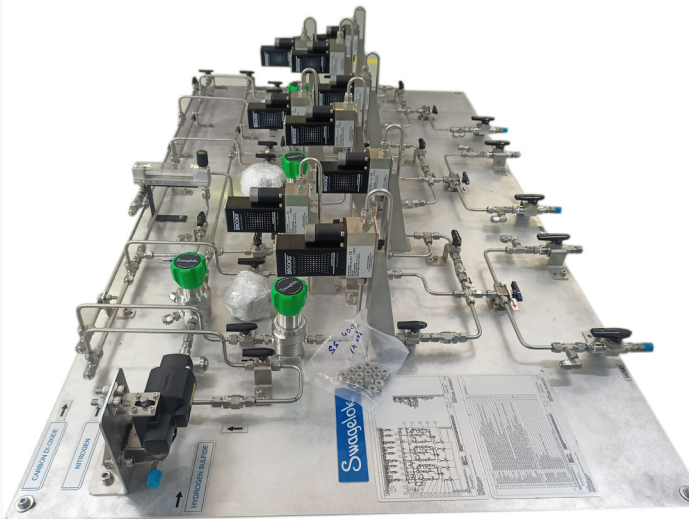




## Work Examples - Gas Distribution Systems



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## Work Examples - Flowmeter Panels



## Work Examples - Welded Assemblies



## Work Examples - Grab Sampling Systems



## Work Examples - Mechanical Seal Support Systems





## Work Examples - Others



Gas Mixing Panels



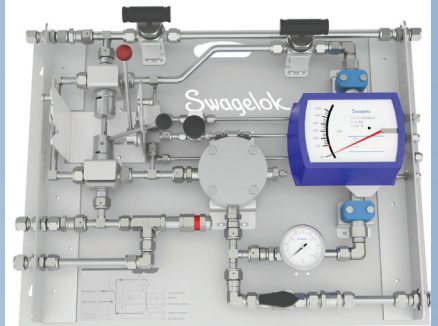
Test Consoles



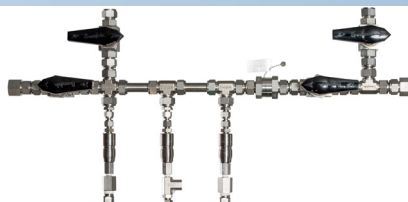
Instrument Enclosures



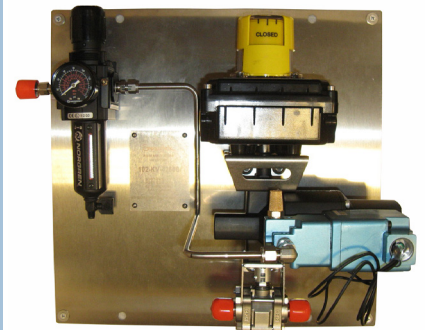
Analyser Racks



Sub Systems



Simple Assemblies



Valve Actuation Panels



Scan QR Code to Learn More

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All Custom Solutions offerings are developed in accordance within the guidelines of Swagelok's ISO-based quality system to ensure quality, safety and reliability. These guidelines enable us to distribute Swagelok approved fluid system components and fabricate and install piping systems in accordance with ASME B31.1 and B31.3.

Our Custom Solutions assemblies carry the Swagelok Limited Lifetime Warranty. For a copy, visit [www.swagelok.com](http://www.swagelok.com) or talk to our associate.

<https://bangalore.swagelok.com>